List of Mesa Standard Commercial Cyclones Rev.16, Dec, 2014

Type No.	Name	D50-µm	Q - lpm	Sharpness	Calculator	Link
VSCC 2.946	**EPA Equivalent**	**2.5**	**16.67**	**1.157**	**Y**	http://bgi.mesalabs.com/wp-content/uploads/sites/35/2014/12/cyclone_ca
SCC 1.062	**Triplex**	**1/2.5/4**	**3.5/1.5/1**	**1.21**	**Y**	http://bgi.mesalabs.com/wp-content/uploads/sites/35/2014/12/cyclone_ca
SCC 1.829	**Photometer/Environmental Sampler**	**2.5**	**5**	**1.23 est**	**Y**	http://bgi.mesalabs.com/wp-content/uploads/sites/35/2014/12/cyclone_ca
SCC 2.654	**Photometer/Environmental Sampler**	**2.5**	**10**	**1.22 est**	**Y**	http://bgi.mesalabs.com/wp-content/uploads/sites/35/2014/12/cyclone_ca
SCC 2.229	**PM1**	**1**	**16.67**	**1.17**	**Y**	http://bgi.mesalabs.com/wp-content/uploads/sites/35/2014/12/cyclone_ca
SCC 3.495	**PM2.5**	**2.5**	**16.67**	**1.19**	**Y**	http://bgi.mesalabs.com/wp-content/uploads/sites/35/2014/12/cyclone_ca
GK 2.05	**KTL**	**2.5**	**4**	**1.32**	**Y**	http://bgi.mesalabs.com/wp-content/uploads/sites/35/2014/12/cyclone_ca
GK 2.05 SH	**KTL**	**2.5**	**3.5**	**1.32**	**Y**	http://bgi.mesalabs.com/wp-content/uploads/sites/35/2014/12/cyclone_ca
GK 2.69	**Resp./Thoraccic**	**4/10**	**4.2/1.6**		**Y**	http://bgi.mesalabs.com/wp-content/uploads/sites/35/2014/12/cyclone_ca
BGI 4	**H-D**	**4**	**2.2**	**1.22/1.22 est**	**Y**	http://bgi.mesalabs.com/wp-content/uploads/sites/35/2014/12/cyclone_ca
SCC 0.732	**Photometer/Environmental Sampler**	**1**	**2**	**1.19 est**	**Y**	http://bgi.mesalabs.com/wp-content/uploads/sites/35/2014/12/cyclone_ca
SCC 1.197	**Photometer/Environmental Sampler**	**1/2.5**	**5/2.27**	**1.17/1.25 est**	**Y**	http://bgi.mesalabs.com/wp-content/uploads/sites/35/2014/12/cyclone_ca
SCC 2.354	**Photometer/Environmental Sampler**	**1/2.5**	**17.3/8**		**Y**	http://bgi.mesalabs.com/wp-content/uploads/sites/35/2014/12/cyclone_ca
SCC 0.695	**Diesel soot**	**0.8**	**2.2**	**1.2**	**Y**	http://bgi.mesalabs.com/wp-content/uploads/sites/35/2014/12/cyclone_ca
GK 4.162	**Rascal Respirable**	**4**	**9.5**	**1.27**	**Y**	http://bgi.mesalabs.com/wp-content/uploads/sites/35/2014/12/cyclone_ca

The purpose of this list is to present a calculator for each of the Mesa cyclones for which there is a mathematical model. It should be understood that these "calculators" are derived from the model which is deduced from actual test results. Where a cyclone has been tested at a particular set of conditions, the information is reliable. Extrapolations are assumed to be reliable.
The main purpose of the calculator is to assist investigators who have operated at a flow rate for which there is no data, to appreciate their results. The secondary purpose of the calculator is to select a set of operating parameters for a specific study.
All pressure drop data was collected as a separate study.
All test data was taken at Engineering standard conditions.
The publication and public availability of the information contained in these documents does not place Mesa under obligation as to the correctness of the information nor any consequences resulting from the usage thereof .

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